



Data Expert Group
VSS and EU Data Act Requirements Project
Charter

Revision History

<Track initial creation and revisions to the charter in this revision history table>

Version	Date	Author(s)	Reason for Revision
0.1	20241030	Magnus Feuer	Initial draft
0.9	20250117	Nils Lagerqvis, Christina Rux	Updated proposal to TST

Background (EU Data Act)

During 2025 and 2026 EU Data Act (EUDA) Legislation will start to come into effect, and the automotive industry needs to prepare. The proposed goals of the collaboration project are:

1. Gain a consistent, industry-wide understanding of Data Act requirements, in collaboration with ACEA, German VDA and others.
2. Evaluate VSS against that consistent understanding
3. Recommend, develop and deliver OSS specifications from which OEMs can evaluate their respective compliance strategy such as:
 - a. Commit to data schema format (VSS or similar) - Payload structure - Use VSS YAML format.
 - b. Commit to secure data transmission mechanism from cloud to user / third party - VISS or similar
 - c. Commit to common baseline vehicle data specification/description (VSS or similar) to be adopted and extended by OEMs as they see fit. (content of VSS file).
E.g. vehicle speed is described and transmitted the same way for all OEMs.
 - d. Determine consent management process
 - i. Take into account OEM, 3rd party, user and government perspectives
 - e. Explore interaction of data transfer mechanisms with Consent Management process.

Responsibilities

The responsibilities of the project are:

1. Work as a group of OEMs to align with the EU Commission on creating the industry standards that implement the EU Data Act and its future legislation.
2. Specify data schema format (e.g. VSS or similar) - Payload structure - e.g. VSS JSON format.
3. Specify interoperability data transmission protocol from data holder/OEM cloud to user / third party - VISS or similar.
4. Specify a common baseline vehicle data specification/description (VSS or similar) to be adopted and extended by OEMs as they see fit. (content of VSS file).
E.g. vehicle speed is described and transmitted the same way for all OEMs.
5. Specify consent management
6. Specify data request processing from the user.
7. To be discussed: GDPR compliance with encryption, etc.

Way of Working (WoW)

As the EU Data Act export format and protocols are defined by OEMs, the EU Data Act Project Leads and Participants will all be employed by or represent COVESA OEM members. Input from other stakeholders, industry actors, and third parties, (fleet managers, insurance companies, charging services, etc) will be welcomed and considered.

There will be 1-2 Project Leads. Leads shall establish and work toward deliverables on a roadmap. Leads shall establish a cadence of group meetings(virtual and in-person). Notes of meetings shall be taken consistently and posted by reference by participating contributors. At project milestones, regular intervals, and All Member Meetings, the leads will provide updates to the Technical Steering Team, Data Expert Group and the community.

The project's primary presence will be on the COVESA wiki (<https://wiki.covesa.global/display/WIK4/TBD>) with links to any other relevant places including, but not limited to GitHub. COVESA's GitHub will be used for any source code and may be used for specifications and documentation as desired by the project. The project may use other GitHub features such as issue tracking.

Planned Output

The exact deliveries, their content and timeline will be defined once resources have been committed to by participating OEMs.

The project shall produce the following deliverables:

1. [Completed May 1, 2025] A report from negotiations with the EU Commission that Vehicle Signal Specification and Vehicle Information Signal Specification may be used to implement the EU Data Act and its future legislation
2. [Completed Sep 1, 2025] Report on consensus between OEMs on which vehicle data format, protocol, and content that is in scope for the project
3. [Completed Nov 1, 2025] Specification for vehicle data format
4. [Completed Feb 1, 2026] Specification for vehicle data transmission protocol
5. [Completed May 1, 2026] Specification of minimum common signal set to be exported (speed, location , etc)
6. [Completed May 1, 2026] Specification for consent management
7. [TBD] Specification for GDPR management, (exact scope TBD)

Disclaimer

Specifications created by the project does not guarantee that it will be implemented by an OEM.

Vehicle data capabilities are dependent on the configuration of a vehicle. We are not defining any vehicle requirement.

Participants

The Capabilities Project Leads and Participants will all be employed by or represent COVESA OEM members (Volvo Cars, BMW, GM, WirelessCar (VW), etc).

Project Leads

It is up to the Project Team in agreement with the Technical Steering Team and Data Expert Group Chairs to choose Project Leads. Candidates include, but are not limited to: Sonia Biswas (Volvo Cars), ???? (BMW), ????? (GM), Christina Rux (WirelessCar)

Lifecycle and End of Life

The EU Data Act Project will be evaluated for an extended mission once the deliverables specified in this document have been completed. Extended missions may include, but are not limited to, new EU Legislation outside the EU Data Act and updated legislation in the EU Data Act.